

PUMPAGE FOR 1965
Monsanto Chemical Company
Monsanto, Illinois

EPA Region 5 Records Ctr.



286758

year	Month	Gallons per Minute	Gallons per Day	Total Gallons for Month
1965	January	9300	13,392,000	415,152,000
"	February	9500	13,680,000	383,040,000
"	March	9700	13,968,000	433,008,000
"	April	9500	13,680,000	410,400,000
"	May	9900	14,256,000	441,936,000
"	June	8800	12,672,000	380,160,000
"	July	9200	13,248,000	410,688,000
"	August	8000	11,520,000	357,120,000
"	September	7600	10,944,000	328,320,000
"	October	7800	11,232,000	348,192,000
"	November	7000	10,080,000	302,400,000
"	December	6000	8,640,000	267,840,000
				4,478,256,000 Gallons

Ranney Wells at Main plant were shut down during 1965 and put on a stand-by basis. Estimated pumpage for 1965 was 70 % from river wells.

It is reported that the water from the River Ranney Well has a temperature of 48 F. and from Well No. 21 is 43 F.

The old laterals from the River Ranney Well have been blocked off and new laterals pushed out at a different elevation.

There are 7 new laterals, 18 inch in diameter and average length of 192 feet. 5 are at elevation 318 ft MSL and 2 at 315.5 ft MSL.

pumpage for 1965 reported in Gallons per minute and the Gallons per day and Total gallons per month are computed.

E. G. Jones
 E.G. Jones

12,270,000 gpd

12,270
4,478,256,000
365
523
730
132
730
2525
2565

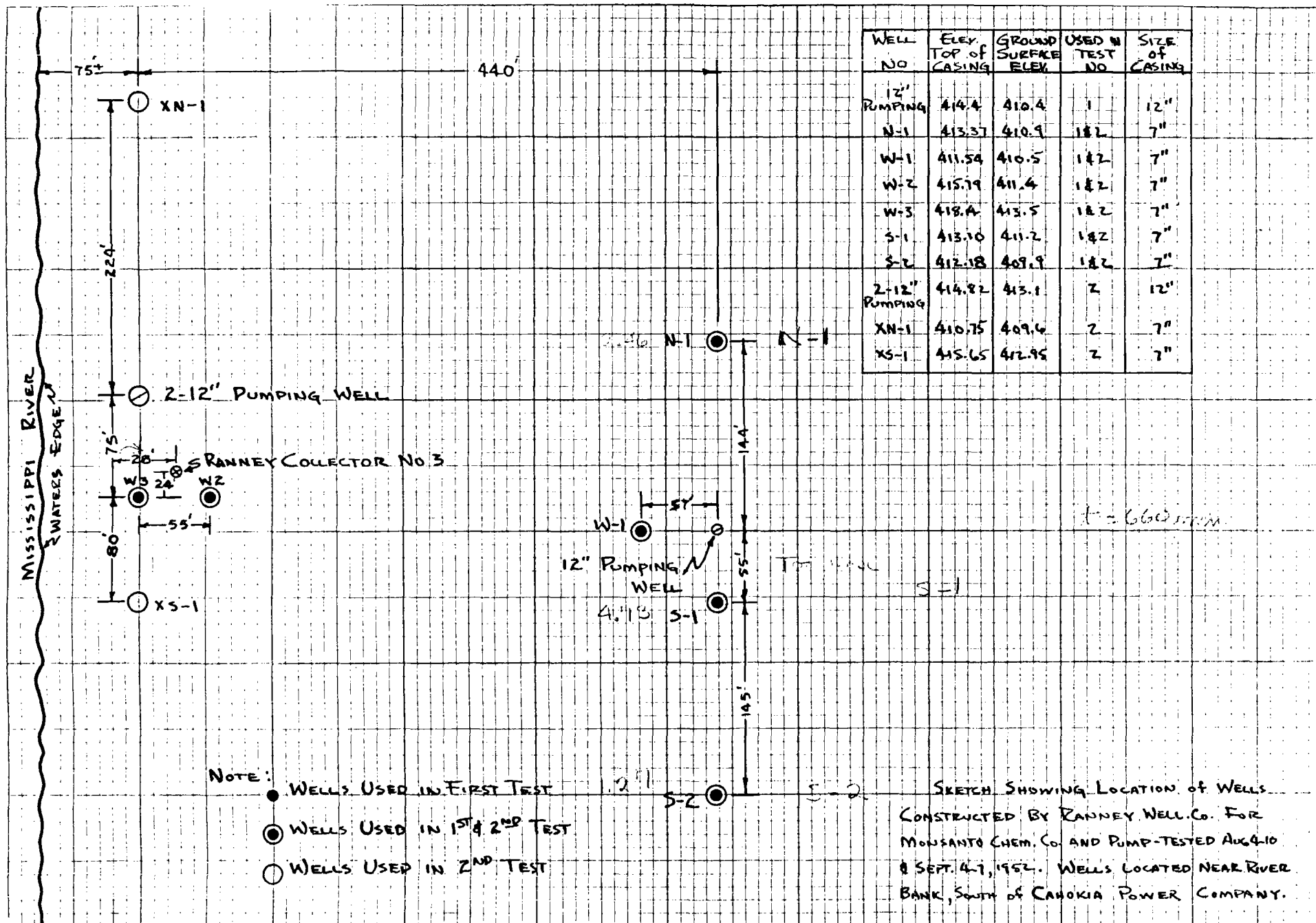
677

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MONSANTO CHEMICAL COMPANY
ST. CLAIR COUNTY

August 4-8, 1952

<u>Well No.</u>	<u>Dist.</u>	<u>Elev. top of Casing</u>	<u>Ground Surface Elev.</u>	<u>Depth of Wells</u>	<u>Screen</u>	<u>Size of Casing</u>	<u>Pump rate</u>
P.W.	0'	414.40	410.40	99'	10?	12"	1050-1150
S-1	55'	413.10	411.20	100'		7"	
W-1	57'	411.54	410.5	100'		7"	
N-1	144'	413.37	410.9	100'		7"	
S-2	200'	412.18	409.9	100'		7"	
W-2	385'	415.79	411.4	100'		7"	
W-3	440'	418.40	413.5	97'		7"	
River	515'						



MONSANTO CHEMICAL COMPANY

Department 260
Monsanto, St. Clair County, Ill.

WELL INFORMATION

OF

CHEMICAL WARFARE SERVICE PLANT

MONSANTO, ILLINOIS

Well #701

	5/27/42	6/24/42
Static level	31 Ft.	31 Ft.
Running level	36 Ft.	32 Ft.
Draw down	5 Ft.	1 Ft.
Hours operated per month	602	505
Gallons pumped per month	12,068,235	4,447,387

Well #702

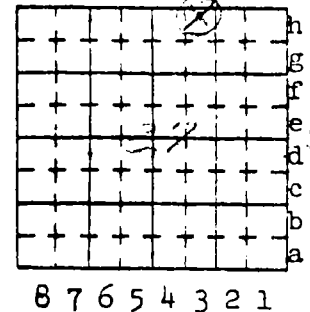
	5/27/42	6/24/42
Static level	31 Ft.	28 Ft.
Running level	34 Ft.	31 Ft.
Draw down	3 Ft.	3 Ft.
Hours operated per month	638	507
Gallons pumped per month	13,479,050	8,569,740

Well #703

	5/27/42	6/24/42
Static level	29 Ft.	28 Ft.
Running level	34 Ft.	32 Ft.
Draw down	5 Ft.	4 Ft.
Hours operated per month	500	647
Gallons pumped per month	10,363,840	22,797,885

190258

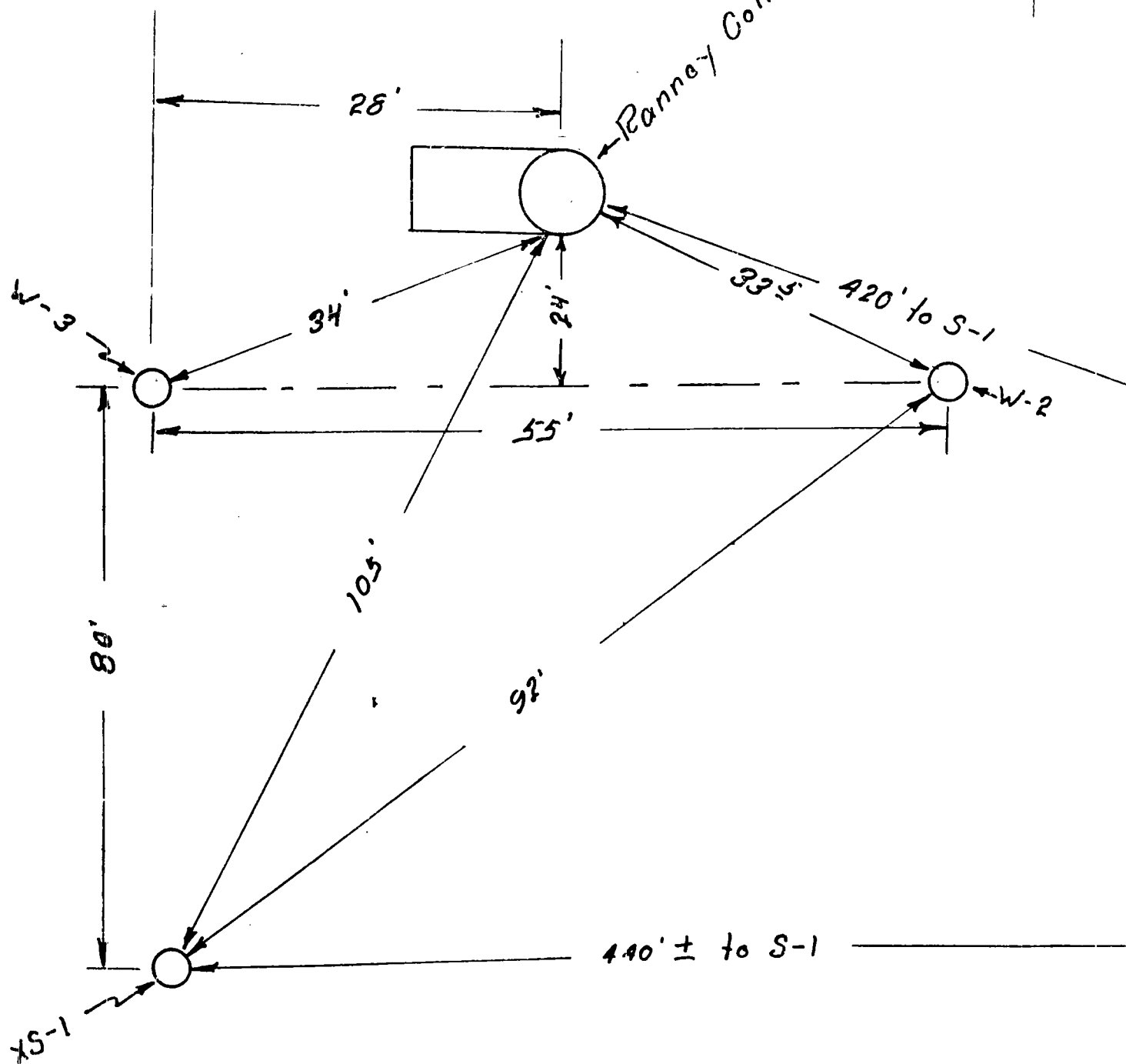
WELL INVENTORY SCHEDULE

Well No. 570211010-27.31
Owner's No. 100SaugetLocation Bureau of Reclamation County San Diego
Section 211 Twp. No. 211 Range 100
Feet from Sec. Cor. 50' S. 140' E. 10' 2" NE COR.Owner Hawthorne Address San DiegoDriller Bureau of Reclamation Address San DiegoDate drilled 1952 Method HandDepth 102' Hole record 26' casing + 10-102'Casing record 26' casing + 10-102'Screen record 26' casing + 10-102'Log 26' casing + 10-102' Drill cuttings 26' casing + 10-102' Sample set no. 26' casing + 10-102'Chief aquifer San Diego from San Diego to San Diego Other aquifer San DiegoLand surface elev. 100' S. 140' E. 10' 2" NE COR. Topography San DiegoNonpumping level above measuring point on San Diego at San Diego AM
below measuring point on San Diego at San Diego PM
(date)Pumping level above measuring point after pumping at San Diego AM
below measuring point after pumping at San Diego PM
gpm for San Diego hours on San Diego at San Diego PM
(date)Measuring point (MP) for above measurements San DiegoAirline and measuring equipment San DiegoPump and power San DiegoUse of water San DiegoWater quality San DiegoAnalysis No. and date San Diego Temp. San DiegoData collected by San Diego Date San DiegoSource of information San DiegoCan well be used in pumping test? San Diego Are nearby observationwells available? San Diego Are pumping records available? San DiegoAre water level records available? San DiegoRemarks: San Diego

MONSANTO CHEMICAL COMPANY

Well No. AS-2

<u>Formation</u>	<u>From</u>	<u>To</u>
Gray sandy clay	0	30'
Gray fine sandy clay	30	40
Coarse gray sand, small gravel, 30% gravel	40	45
Gray fine sand, scattered fine gravel, brown fine sand	45	66
Brown coarse sand, fine gravel	66	75
Brown coarse sand, fine gravel some gray clay, 40% gravel	75	76
Coarse sand, small to large gravel, 45% gravel	76	90
Brown coarse sand, fine to medium gravel, 43% gravel	90	100 TD
Brown coarse sand and fine gravel, 40% gravel at 100'		



Sketch showing location of Ranney Collector No. 3
and Test Wells W-2, W-3, XS-1, & S-1
Monsanto Chemical Co. Monsanto, Illinois

Dec. 9, 1954

E. J. J.

Not Drawn to Scale

SDMS US EPA Region V

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GENERAL PLANT MAP OF BLDG'S, R.R. TRACKS, ROADS



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